Exhibit R-2, RDT&E Budget Item Justification: PB 2019 Defense Information Systems Agency

R-1 Program Element (Number/Name)

0400: Research, Development, Test & Evaluation, Defense-Wide I BA 7:

PE 0303126K I Long-Haul Communications - DCS

Date: February 2018

Operational Systems Development

Appropriation/Budget Activity

| COST (\$ in Millions) | Prior | | | FY 2019 | FY 2019 | FY 2019 | | | | | Cost To | Total |
|---|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------------|------------|
| COST (\$ III WIIIIOIIS) | Years | FY 2017 | FY 2018 | Base | oco | Total | FY 2020 | FY 2021 | FY 2022 | FY 2023 | Complete | Cost |
| Total Program Element | 255.636 | 14.861 | 15.428 | 14.769 | - | 14.769 | 14.174 | 15.014 | 14.819 | 15.110 | Continuing | Continuing |
| PC01: Presidential and National Voice Conferencing/ | 93.693 | 2.865 | 3.195 | 3.137 | - | 3.137 | 3.008 | 3.123 | 3.138 | 3.187 | Continuing | Continuing |
| T82: DISN Systems Engineering Support | 161.943 | 11.996 | 12.233 | 11.632 | - | 11.632 | 11.166 | 11.891 | 11.681 | 11.923 | Continuing | Continuing |

A. Mission Description and Budget Item Justification

The Defense Information Systems Network (DISN) is the Department of Defenses (DoD's) consolidated worldwide telecommunications capability that provides secure, end-to-end information transport for DoD operations. It also provides the warfighter and the Combatant Commands (COCOMs) with a robust Command, Control, Communications, Computing, and Intelligence infrastructure to support DoD net-centric missions and business requirements. The Defense Red Switch Network (DRSN) is a DoD Secure Voice, Command and Control Network that is controlled and directed by the Joint Staff and the Office of the Secretary of Defense. It provides multi-level secure, rapid, ad hoc, voice calling and conferencing capability to the President, Secretary of Defense, Services, COCOMs, subordinate organizations (military and civilian) and coalition allies. DRSN also supports the Presidential and National Voice Conferencing (PNVC) (formerly known as National Emergency Action Decision Network (NEADN)) and the Enhanced Pentagon Capability/Survivable Emergency Conferencing Network. These funds support three major efforts:

DISN Systems Engineering Support: This effort includes engineering for Networking capabilities and optical transport capabilities to ensure the essential operations of a robust and secure DISN; refreshing the systems that instrument and automate the operations, administration, maintenance and provisioning functions and creating a single DISN-wide view for network managers and operators.

PNVC: The PVNC provides selected system engineering for continued development and testing of the PNVC equipment for senior leaders. The PNVC system provides a military, satellite-based, survivable, secure, and near toll-quality voice conferencing capability for the President, Secretary of Defense, Chairman, Joint Chiefs of Staff, and other senior national/military leaders anywhere in the world as needed. Funding supports the acquisition activities for the PNVC baseband equipment, including critical and essential engineering required to develop new vocoder and cryptographic and audio-summing equipment.

DoD Mobility: The Mobility Program will lead the development of an Enterprise Solution to support Controlled Unclassified Information (CUI) and leverage commercial carrier infrastructure to provide entry points for both classified and unclassified wireless capabilities. Continued evolution and expansion, within the Department, of the DoD Mobility program will allow for increased mobile services in direct support of the warfighter and the COCOMs.

Exhibit R-2, RDT&E Budget Item Justification: PB 2019 Defense Information Systems Agency

Appropriation/Budget Activity

R-1 Program Element (Number/Name)

0400: Research, Development, Test & Evaluation, Defense-Wide I BA 7:

PE 0303126K / Long-Haul Communications - DCS

Date: February 2018

Operational Systems Development

| B. Program Change Summary (\$ in Millions) | FY 2017 | FY 2018 | FY 2019 Base | FY 2019 OCO | FY 2019 Total |
|---|---------|---------|--------------|-------------|---------------|
| Previous President's Budget | 13.994 | 15.428 | 15.002 | - | 15.002 |
| Current President's Budget | 14.861 | 15.428 | 14.769 | - | 14.769 |
| Total Adjustments | 0.867 | 0.000 | -0.233 | - | -0.233 |
| Congressional General Reductions | - | - | | | |
| Congressional Directed Reductions | - | - | | | |
| Congressional Rescissions | - | - | | | |
| Congressional Adds | - | - | | | |
| Congressional Directed Transfers | _ | - | | | |
| Reprogrammings | _ | - | | | |
| SBIR/STTR Transfer | _ | - | | | |
| Other Adjustments | 0.867 | - | -0.233 | - | -0.233 |

Change Summary Explanation

The increase of +\$0.867 in FY 2017 is attributed to increase in systems engineering and development for assured identity capability.

The decrease of \$-0.233 in FY 2019 in reduced frequency for Cybersecurity/IA changes in PNVC Software, and reduced testing support Software Defined Networking, and fewer DRSN HW/SW Component Enhancements.

| Exhibit R-2A, RDT&E Project Ju | stification: | PB 2019 D | Defense Info | rmation Sy | stems Agen | псу | | | | Date: Febr | uary 2018 | |
|---|----------------|-----------|--------------|-----------------|------------|---------------------|-------------------------|-------|--|--------------|------------------------------|-------|
| Appropriation/Budget Activity 0400 / 7 | | | | | _ | | t (Number/ Haul Comm | • | Project (N PC01 / Pre Conference | sidential ar | n e) nd National \ | Voice |
| COST (\$ in Millions) | Prior Years | FY 2017 | FY 2018 | FY 2019 Base | FY 2023 | Cost To Complete | Total Cost | | | | | |
| PC01: Presidential and National Voice Conferencing/ | 93.693 | 2.865 | 3.195 | 3.137 | - | 3.137 | 3.123 | 3.138 | 3.187 | Continuing | Continuing | |
| Quantity of RDT&E Articles | - | - | - | - | - | - | - | - | - | - | | |

A. Mission Description and Budget Item Justification

B Accomplishments/Planned Programs (\$ in Millions)

The Presidential and National Voice Conferencing (PNVC) (formerly called National Emergency Action Decision Network (NEADN)) provides system engineering, development and testing of the equipment for senior leaders. The PNVC system provides a military satellite-based, world-wide, survivable, secure, and near toll-quality voice conferencing capability for the President, Secretary of Defense, Chairman, Joint Chiefs of Staff, and other senior national/military leaders. By implementing new technology capabilities (e.g. Ethernet-Framing and higher data rate), this project provides improved performance to the survivable voice conferencing capability. This project supports the acquisition activities for the PNVC baseband equipment, including engineering required to develop new vocoder, cryptographic and audio-summing equipment.

| B. Accomplishments/Planned Programs (\$ in Millions) | FY 2017 | FY 2018 | FY 2019 |
|--|---------|---------|---------|
| Title: Presidential and National Voice Conferencing (PNVC) | 2.865 | 3.195 | 3.137 |
| Description: Presidential and National Voice Conferencing (PNVC) Systems Engineering conduct analyses for continuity of NEADN voice conferencing for national/military leaders through PNVC deployment. Program continues engineering, technical analysis, development, and coordination to ensure terminal, baseband, and satellite synchronization for voice conferencing amongst senior leaders. | | | |
| FY 2018 Plans: Continue to support PNVC integration and testing and fielding of expanded capability and upgrades at PNVC sites. This includes systems engineering and testing support to the various platforms receiving the capability. Fund Engineering change proposals for software as needed to respond to user feedback. | | | |
| The increase of +\$0.330 from FY 2017 to FY 2018 is attributed to increased requirements for engineering support during system testing and changes to software. | | | |
| FY 2019 Plans: Continue to support PNVC integration and testing and fielding of expanded capability and upgrades at PNVC sites. This includes systems engineering and testing support to the various platforms receiving the capability. Fund Engineering change proposals for software as needed to respond to user feedback. | | | |
| FY 2018 to FY 2019 Increase/Decrease Statement: | | | |

PE 0303126K: Long-Haul Communications - DCS Defense Information Systems Agency

R-1 Line #204

EV 2017 EV 2019 EV 2019

| , | | | | , | |
|--|---|------------|-----------------|----------------|----------|
| Appropriation/Budget Activity | R-1 Program Element (Number/Name) | Project (N | lumber/ | Name) | |
| 0400 / 7 | PE 0303126K I Long-Haul Communications | PC01 I Pre | esidentia | al and Nationa | al Voice |
| | - DCS | Conference | ing/ | | |
| | | | | 1 | 1 |
| B. Accomplishments/Planned Programs (\$ in Million | <u>s)</u> | FY | ²⁰¹⁷ | FY 2018 | FY 2019 |
| The decrease of -\$0.058 from FY 2018 to FY 2019 is at | ributed to the reduction in the number of engineering changes | | | | |
| implemented for fielded capabilities | | | | | |

C. Other Program Funding Summary (\$ in Millions)

Exhibit R-2A, RDT&E Project Justification: PB 2019 Defense Information Systems Agency

| | | | FY 2019 | FY 2019 | FY 2019 | | | | | Cost To | |
|------------------------------|---------|---------|---------|------------|--------------|---------|---------|---------|---------|----------------|-------------------|
| <u>Line Item</u> | FY 2017 | FY 2018 | Base | <u>000</u> | <u>Total</u> | FY 2020 | FY 2021 | FY 2022 | FY 2023 | Complete | Total Cost |
| Procurement, DW/PE 0303126K: | 1.119 | 1.261 | 1.386 | - | 1.386 | 1.515 | 1.546 | 1.577 | 1.578 | Continuing | Continuing |
| Procurement, Defense-Wide | | | | | | | | | | | |

Accomplishments/Planned Programs Subtotals

Remarks

N/A

D. Acquisition Strategy

The audio equipment development activities are incorporated into the sole source DRSN sustainment contract. For the development of the BIG cryptographic device, NSA will perform an assisted acquisition for DISA using a competitively awarded fixed price contract. Engineering support for PNVC is provided by task orders competitively awarded on existing DoD contracts and Federally Funded Research and Development Contracts (FFRDC) support.

E. Performance Metrics

PNVC project metrics track the development status of program acquisition documents, as required by the component executive. These documents include: Project Execution Plan, Concept of Operations Acquisition Strategy, Capability Production Document, System Engineering Plan and other documents required by the DISA's Component Acquisition Executive. Additionally, for management and system engineering support vendors, monthly reports are critical to tracking overall programmatic and engineering progress and the percent of total deliverables received on time.

For product development activities, effective progress is measured based upon the task order milestones in the form of development reviews and weekly progress meetings. As end items (hardware and software) become available for test, additional measures will be available. Specifically, the percentage of successfully verified requirements out of the number tested and the number of critical trouble reports outstanding longer than six months, will be tracked.

Performance Metrics:

Project Support Deliverables received on time

FY17 (expected result): 100% / (Actual): 100%

FY18 (expected result): 100%

PE 0303126K: Long-Haul Communications - DCS

Defense Information Systems Agency

R-1 Line #204

Date: February 2018

3.195

3.137

2.865

| Exhibit R-2A, RDT&E Project Justification: PB 2019 Defense Information Sy | stems Agency | | Date: February 2018 |
|---|--|------------|------------------------------|
| Appropriation/Budget Activity | R-1 Program Element (Number/Name) | Project (N | umber/Name) |
| 0400 / 7 | PE 0303126K I Long-Haul Communications | PC01 I Pre | sidential and National Voice |
| | - DCS | Conferenci | ing/ |
| EV40 (average at all respect to 1, 4000) | | • | |

FY19 (expected result): 100%

Product Deliverable Milestones completed on time

FY17 (expected result): 80% / (Actual): 80%

FY18 (expected result): 100% FY19 (expected result): 100%

Successfully Tested Requirements:

FY17 (expected result): 95% / (Actual): 95%

FY18 (expected result): 95% FY19 (expected result): 95%

Critical Trouble Reports > 6 months old

FY17 (expected result): ≤ 4 / (Actual): 1

FY18 (expected result): ≤ 4 FY19 (expected result): ≤ 4

| Exhibit R-3, RDT&E Project Cost Analysis: PB 2019 Defense Information Sy | stems Agency | | Date: February 2018 |
|--|--|-------------|------------------------------|
| Appropriation/Budget Activity | R-1 Program Element (Number/Name) | Project (Nu | umber/Name) |
| 0400 / 7 | PE 0303126K I Long-Haul Communications | PC01 I Pre | sidential and National Voice |
| | - DCS | Conferencii | ing/ |

| Product Developmen | nt (\$ in M | illions) | | FY 2 | 2017 | FY 2 | 2018 | | 2019 ase | | 2019 CO | FY 2019 Total | | | |
|------------------------------------|------------------------------|--|----------------|------|---------------|------|---------------|------|---------------|------|---------------|------------------|------------|---------------|--------------------------------|
| Cost Category Item | Contract Method & Type | Performing Activity & Location | Prior Years | Cost | Award Date | Cost | Award Date | Cost | Award Date | Cost | Award Date | Cost | Cost To | Total Cost | Target Value of Contract |
| BIG Development Preparation | MIPR | NSA : Various | 36.206 | - | | - | | - | | - | | - | Continuing | Continuing | , - |
| MSD-III Development | C/T&M | Raytheon : Largo, FL | 18.479 | - | | - | | - | | - | | - | Continuing | Continuing | - |
| PNVC Baseband Equipment | TBD | Various : Various | 9.300 | - | | - | | - | | - | | - | Continuing | Continuing | j - |
| Systems Engineering | FFRDC | MITRE : McLean, VA | 0.423 | - | | - | | - | | - | | - | Continuing | Continuing | , - |
| PNVC Baseband Airborne variant ECP | C/CPFF | Raytheon : Largo, FL | 16.880 | - | | - | | - | | - | | - | Continuing | Continuing | , - |
| System Engineering | C/CPFF | Booz Allen Hamilton : McLeam, VA | - | - | | - | | - | | - | | - | Continuing | Continuing | - |
| | | Subtotal | 81.288 | - | | - | | - | | - | | - | Continuing | Continuing | N/A |

| Support (\$ in Million | ıs) | | | FY 2 | 2017 | FY 2 | 2018 | | 2019 ise | FY 2 | 2019 CO | FY 2019 Total | | | |
|----------------------------|------------------------------|--|----------------|-------|---------------|-------|---------------|-------|---------------|------|---------------|------------------|------------|---------------|--------------------------------|
| Cost Category Item | Contract Method & Type | Performing Activity & Location | Prior Years | Cost | Award Date | Cost | Award Date | Cost | Award Date | Cost | Award Date | Cost | Cost To | Total Cost | Target Value of Contract |
| PNVC Software enhancements | C/CPFF | Raytheon : Florida | 1.200 | 0.799 | Aug 2017 | 1.900 | Dec 2017 | 0.785 | Feb 2019 | - | | 0.785 | Continuing | Continuing | - |
| PNVC Software enhancements | C/CPFF | General Dynamics : NSA | 2.500 | 0.389 | Jun 2017 | - | | 0.652 | Feb 2019 | - | | 0.652 | Continuing | Continuing | - |
| Systems Engineering | C/CPFF | Booz Allen Hamilton : McLean, VA | 3.000 | 1.015 | Mar 2017 | 0.815 | Mar 2018 | 0.900 | Mar 2019 | - | | 0.900 | Continuing | Continuing | - |
| Systems Engineering | FFRDC | Aerospace Corporation : Falls Church, VA | 0.800 | 0.200 | Mar 2017 | 0.250 | Oct 2017 | 0.350 | Oct 2018 | - | | 0.350 | Continuing | Continuing | - |
| Systems Engineering | FFRDC | Mitre : McLean, VA | 0.800 | 0.150 | Oct 2016 | 0.180 | Oct 2017 | 0.450 | Oct 2018 | - | | 0.450 | Continuing | Continuing | - |
| Test and Evaluation | TBD | 605th : TES | 0.500 | 0.040 | Oct 2016 | 0.050 | Oct 2017 | - | | - | | - | Continuing | Continuing | , - |
| Test and Evaluation | TBD | Miscel : | 0.580 | 0.272 | Oct 2016 | - | | - | | - | | - | Continuing | Continuing | - |
| | | Subtotal | 9.380 | 2.865 | | 3.195 | | 3.137 | | - | | 3.137 | Continuing | Continuing | N/A |

PE 0303126K: Long-Haul Communications - DCS Defense Information Systems Agency

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| Exhibit R-3, RDT&E | Project C | ost Analysis: PB 2 | 019 Defe | nse Infor | mation S | ystems A | gency | | | | | Date: | February | 2018 | |
|--------------------------------|------------------------------|-----------------------------------|----------------|-----------|---------------|----------|---------------|----------------------|---------------|------|---------------|------------------|--------------------------------|---------------|--------------------------------|
| Appropriation/Budg 0400 / 7 | et Activity | 1 | | | | | | ement (N Long-Hau | | | | | r/ Name) tial and Na | ational Vo | pice |
| Test and Evaluation | (\$ in Milli | ons) | | FY 2 | 2017 | FY 2 | 2018 | FY 2 Ba | | | 2019 CO | FY 2019 Total | | | |
| Cost Category Item | Contract Method & Type | Performing Activity & Location | Prior Years | Cost | Award Date | Cost | Award Date | Cost | Award Date | Cost | Award Date | Cost | Cost To | Total Cost | Target Value of Contract |
| Certification Testing | MIPR | Various : Various | 3.025 | - | | - | | - | | - | | - | Continuing | Continuing | - |
| | | Subtotal | 3.025 | - | | - | | - | | - | | - | Continuing | Continuing | N/A |
| | | | Prior Years | FY 2 | 2017 | FY 2 | 2018 | FY 2 Ba | | | 2019 CO | FY 2019 Total | Cost To | Total Cost | Target Value of Contract |
| | | Project Cost Totals | 93.693 | 2.865 | | 3.195 | | 3.137 | | - | | 3.137 | Continuing | Continuing | N/A |

Remarks

| xhibit R-4, RDT&E Schedule Profile: PB 2019 D | -4, RDT&E Schedule Profile: PB 2019 Defense Informationation/Budget Activity | | | | n S | yste | ms A | Ager | псу | | | | | | | | | | | | | Date | e: Fe | ebru | ıary | 201 | 8 | |
|--|--|-------|-----|---|-----|------|------|---------------------|-----|------|------|---|---|------|------|---|---|----|------|-------------|---|-------|---------------|------|------|------|-------|------|
| ppropriation/Budget Activity 400 / 7 | | | | | | | F | R-1 F PE 0 DC | 303 | | | | | | | | | | PC | 01 <i>I</i> | | sidei | er/N ntial | | | tion | al Vo | oice |
| | | FY 20 | 017 | | F | FY 2 | 2018 | | | FY 2 | 2019 |) | | FY 2 | 2020 |) | | FY | 2021 | | | FY : | 2022 | 2 | | FY | 202 | 3 |
| | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 |
| PNVC System Testing | | | | | | | , | , | | | | | | | | , | | | | | | | | | | | | |
| PNVC System | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N/A | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PNVC System Engineering and Management Support | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Exhibit R-4A, RDT&E Schedule Details: PB 2019 Defense Information System | Date: February 2018 | | |
|--|--|------------|-------------------------------|
| , · · · · · · · · · · · · · · · · · · · | ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' | - , , | umber/Name) |
| 0400 / 7 | PE 0303126K I Long-Haul Communications | PC01 I Pre | esidential and National Voice |
| | - DCS | Conferenc | ing/ |

Schedule Details

| | St | art | Eı | nd |
|--|---------|--------------|----|------|
| Events by Sub Project | Quarter | Quarter Year | | Year |
| PNVC System Testing | | | | |
| PNVC System | 1 | 2017 | 4 | 2023 |
| N/A | | | | |
| PNVC System Engineering and Management Support | 1 | 2017 | 2 | 2023 |

| Exhibit R-2A, RDT&E Project Ju | | Date: February 2018 | | | | | | | | | | |
|--|---|---------------------|--------|--------|---|--------|---------|---------|---------|---------------------|---------------|------------|
| Appropriation/Budget Activity 0400 / 7 | R-1 Program Element (Number/Name) PE 0303126K / Long-Haul Communications - DCS Project (Number/Name) T82 / DISN Systems Engineering St | | | | | | Support | | | | | |
| COST (\$ in Millions) | COST (\$ in Millions) | | | | | | | FY 2022 | FY 2023 | Cost To Complete | Total Cost | |
| T82: DISN Systems Engineering Support | 161.943 | 11.996 | 12.233 | 11.632 | - | 11.632 | 11.166 | 11.891 | 11.681 | 11.923 | Continuing | Continuing |
| Quantity of RDT&E Articles | - | - | - | - | - | - | - | - | - | - | | |

A. Mission Description and Budget Item Justification

The DISN Systems Engineering Support project encompasses four activities:

Next Generation Networking Technologies (formally known as Internet Protocol (IP) and Optical Transport Technology Refresh): Provides engineering technical expertise to support and integrate newer, more efficient technologies required to replace end of lifecycle equipment and to achieve more efficient Networking technologies. These new technologies provide protected and assured services for critical support to the warfighter as well as other DoD and federal customers.

Element Management System (EMS): Provides operational and network operating systems that instrument and automate the operations, administration, maintenance and provisioning functions creating a single DISN-wide view for network managers and operators. EMS is a component of the DISN Operational Support Systems (OSS).

Peripheral and Component Design (Secure Voice Switches): This equipment satisfies unique military requirements for multi-level security (i.e., extensive conferencing/conference management capabilities and features, and gateway functions) that are not available in commercial products.

DoD Mobility: The Mobility Program will lead the development of an Enterprise Solution to support Controlled Unclassified Information (CUI) and leverage commercial carrier infrastructure to provide entry points for both classified and unclassified wireless capabilities. Continued evolution and expansion, within the Department, of the DoD Mobility program will allow for increased mobile services in direct support of the warfighter and the COCOMs.

| B. Accomplishments/Planned Programs (\$ in Millions) | FY 2017 | FY 2018 | FY 2019 |
|---|---------|---------|---------|
| <i>Title:</i> Next Generation Networking Technologies (formally known as Internet Protocol (IP) and Optical Transport Technology Refresh. | 4.236 | 5.400 | 5.226 |
| Description: Provides engineering technical expertise to support and integrate newer, more efficient technologies required to replace end of lifecycle equipment and to achieve more efficient Networking technologies. These new technologies provide protected and assured services for critical support to the warfighter as well as other DoD and federal customers. | | | |
| FY 2018 Plans: The DISN will continue to perform Research, Test and Evaluation activities in Software Environment, Next Generational Networking to include Gray networks and all associated encryption technologies. | | | |

| | UNULASSII ILD | | | | |
|--|--|---|--------------|----------|--|
| Exhibit R-2A, RDT&E Project Justification: PB 2019 Defense Info | ormation Systems Agency | Date: F | ebruary 2018 | , | |
| Appropriation/Budget Activity 0400 / 7 | | pject (Number/Name) 2 I DISN Systems Engineering Support | | | |
| B. Accomplishments/Planned Programs (\$ in Millions) | | FY 2017 | FY 2018 | FY 2019 | |
| The increase +\$1.164 from FY 2017 to FY 2018 will support addition such as Automated Provisioning and Software Defined Networking | | | | | |
| FY 2019 Plans: The DISN will continue to perform Research, Test and Evaluation a Networking to include Gray networks and all associated encryption | | | | | |
| FY 2018 to FY 2019 Increase/Decrease Statement: The decrease of -\$0.174 is due to a slightly reduced effort on Softw | are Defined networking. | | | | |
| Title: DISN OSS | | 0.764 | 0.000 | 0.00 | |
| FY 2018 Plans: The decrease of -\$0.764 from FY 2017 to FY 2018 is due to the recoperational and network operating systems within the DISN OSS. | luction in web services development requirements for | | | | |
| FY 2019 Plans: N/A | | | | | |
| FY 2018 to FY 2019 Increase/Decrease Statement: N/A | | | | | |
| Title: Peripheral and Component Design | | 2.565 | 2.413 | 1.78 | |
| Description: This equipment satisfies unique military requirements management capabilities and features, and gateway functions) that | | се | | | |
| FY 2018 Plans: Support upgrades to switch software for IA/Cybersecurity improvem and gateway functions in evolving system to meet RMF and NC3 re | · · · · · · · · · · · · · · · · · · · | 3 | | | |
| The decrease of -\$0.152 from FY 2017 to FY 2018 reflects a decrearequired in FY 2018. | ase in the amount of software development and testing effort | S | | | |
| FY 2019 Plans: Support upgrades to switch software for IA/Cybersecurity improvem and gateway functions in evolving system to meet RMF and NC3 re | | | | | |
| FY 2018 to FY 2019 Increase/Decrease Statement: | | | | | |

PE 0303126K: Long-Haul Communications - DCS Defense Information Systems Agency

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| | | | | UNCLAS | SIFIED | | | | | | |
|---|--|---|---------------------------------|-------------------------------|---------------------------------|----------------------------------|----------------------------------|-----------|-----------------------------|-------------|------------|
| Exhibit R-2A, RDT&E Project Justi | fication: PB | 2019 Defen | se Information | on Systems / | Agency | | | | Date: Fe | bruary 2018 | |
| Appropriation/Budget Activity 0400 / 7 | | | | | 03126K <i> I L</i> o | nent (Numb ng-Haul Cor | er/Name) mmunications | | t (Number/N DISN Systems | | g Support |
| B. Accomplishments/Planned Prog | grams (\$ in I | Millions) | | | | | | Г | FY 2017 | FY 2018 | FY 2019 |
| The decrease of \$-0.632 from FY 20 | 18 to FY 201 | 9 is attribute | ed to fewer D | RSN HW/S\ | V componer | nt enhancem | ents. | | | | |
| Title: Mobility | | | | | | | | | 4.431 | 4.420 | 4.625 |
| Description: DoD Mobility: The Mob Unclassified Information (CUI) and le unclassified wireless capabilities. Co allow for increased mobile services i | everage compontinued evol | mercial carri lution and ex | er infrastruct cpansion, wit | ure to provio hin the Depa | le entry poin artment, of th | ts for both cl | assified and | will | | | |
| FY 2018 Plans: DoD Mobility will continue to evaluat well as newly deployed mobile device of next generation prototype devices continue through the FYDP. | e hardware, | software, mi | ddleware tha | at will be inte | grated into t | he existing ir | nfrastructure. | T&E | | | |
| The decrease of -\$0.011 from FY 20 | 17 to FY 201 | 8 is due to d | decreased te | sting and int | egration of t | he DMCC-S | proxy server | | | | |
| FY 2019 Plans: Developmental and production testin authenticated against the Mobile De Production testing of the applications additional gateway instances suppor requirements against the end-to-end | vice Manage s developmer ting secret a | r. Security, interpretation framework and top secre | interoperabil | ity, and function testing f | tional evalua or infrastruc | ition of mobil ture compon | le application ents, includir | is. ng | | | |
| FY 2018 to FY 2019 Increase/Decrease of +\$0.205 from FY 20 development. | | | ılt of increase | es in the mol | oility commu | nications ap | plication | | | | |
| | | | | Accon | nplishment | s/Planned P | rograms Su | btotals | 11.996 | 12.233 | 11.632 |
| C. Other Program Funding Summa | ary (\$ in Milli | ons) | | | | | | | | | |
| | - | • | FY 2019 | FY 2019 | FY 2019 | | | | | Cost To | |
| Line Item | FY 2017 | FY 2018 | Base | <u>000</u> | Total | FY 2020 | FY 2021 | FY 202 | 2 FY 2023 | Complete | |
| O&M/PE0303126K: Operation & Maintenance, Defense-Wide | 35.685 | 39.040 | 37.426 | - | 37.426 | 37.522 | 38.259 | - | - | Continuing | |
| Procurement/PE0303126K: Procurement, Defense-Wide | 99.928 | 115.194 | 116.958 | - | 116.958 | 117.993 | 117.993 | - | - | Continuing | Continuing |

PE 0303126K: Long-Haul Communications - DCS Defense Information Systems Agency

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| Appropriation/Budget Activity 0400 / 7 R-1 Program Element (Number/Name) PE 0303126K / Long-Haul Communications - DCS Project (Number/Name) T82 / DISN Systems Engineering Support | Exhibit R-2A, RDT&E Project Justification: PB 2019 Defense Information S | Date: February 2018 |
|--|--|--|
| | Appropriation/Budget Activity | Project (Number/Name) |
| - DCS | 0400 / 7 | T82 I DISN Systems Engineering Support |
| C. Other Program Funding Summary (\$ in Millions) | | |

<u>C. Other Program Funding Summary (\$ in Millions)</u>

| | | | FY 2019 | FY 2019 | FY 2019 | | | | | Cost To | |
|-----------|---------|---------|-------------|---------|--------------|---------|---------|---------|---------|----------|-------------------|
| Line Item | FY 2017 | FY 2018 | <u>Base</u> | OCO | <u>Total</u> | FY 2020 | FY 2021 | FY 2022 | FY 2023 | Complete | Total Cost |

Remarks

D. Acquisition Strategy

Products acquired for EMS requirements are professional services, network management software, supporting hardware, and development tools. Professional services will be procured through existing contracts available to DISA. The DISA Computing Services will be used for hardware and software leased managed services, as well as the NASA enterprise equipment contracting vehicle when necessary and applicable.

The Internet Protocol (IP) enabling of the DRSN DSS-2A switch, Secure voice conference management improvements, HEMP Phone and related DRSN components will use an existing Air Force Command and Control Switching Systems (CCSS) Depot Support contract with the Secure Voice Switch systems manufacturer (Raytheon) to perform the development and modification work, system integration and testing support.

The Mobility initiative supports systems engineering and development of a DoD Mobility solution. The focus is on acquisitions to support the program across the DoD to include scheduling, delivery approach, and risk management. This also includes the vision and phased approach to unified capabilities for classified and unclassified wireless capabilities to meet DoD needs.

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E. Performance Metrics

Funds support tech insertion and deployment of two DMCC gateways which will include Top Secret (TS) and Secret capabilities in the remaining CONUS and OCONUS areas requiring gateways to ensure adequate load balancing of mobile device usage on the DoD Mobility Architecture. Will also support evaluation of tech insertion of classified and unclassified data at multiple sites both CONUS and OCONUS. DoD Mobility will evaluate and test the centralized mobility management components for the classified components. Funds will provide support for test and evaluation (T&E) of centralization of the mobile device hardware, software, middleware, and MDM associated capabilities integration efforts. Will provide for T&E of DoD Mobility NIPRNet & SIPRNet Suite insertion efforts to include mobile VPN and authentication,

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| Exhibit R-2A, RDT&E Project Justification: PB 2019 Defense Information Systems | Date: February 2018 | |
|--|--|--|
| 0400 / 7 | R-1 Program Element (Number/Name) PE 0303126K I Long-Haul Communications - DCS | Project (Number/Name) T82 I DISN Systems Engineering Support |

mobile devices, and mobile applications. Will provide for T&E of mobile devices including prototypes for next generation classified devices and additional commercial mobile devices to test their interoperability across the enterprise. Additionally, funds will support T&E of mobile applications to ensure mobile applications are verified and validated prior to hosting on the MAS. Will support testing of commercial mobile devices and certification and accreditation approval. Funds will support quarterly testing and evaluation of various Mobile Initiatives; follow up testing against the Mobile Device Management (MDM); verification and validation testing of devices used against the MDM; and requirements testing to ensure Mobility's requirements have been met. DoD Mobility will continue to evolve detailed Implementation Plans, Concept of Operations and Standard Operating Procedures for DMCC Capabilities.

FY 2017 (Estimated): 100% successful developmental and production testing of commercial mobile devices per product baseline, carrier, and platform authenticated against the Mobile Device Manager. Successful security, interoperability, and functional evaluation of 85% of mobile applications. 100% successful production testing of the applications development framework and integration testing for infrastructure components.

FY 2017 (Met): 100% successfully conducted developmental and production testing of commercial mobile devices per product baseline, carrier, and platform authenticated against the Mobile Device Manager. Successfully conducted security, interoperability, and functional evaluation of 85% of mobile applications. 100% successful conducted production testing of the applications development framework and integration testing for infrastructure components.

FY 2018 (Estimated): 100% successful developmental and production testing of new-model commercial mobile devices per product baseline, per carrier, per platform authenticated against the Mobile Device Manager. Successful security, interoperability, and functional evaluation of at least of 85% of mobile applications requested to be approved and available in the hosted Mobile Application Store. 100% successful production testing of the applications development framework and integration testing for infrastructure components, including additional gateway instances supporting secret and top secret domains as well as any COTS component technology refresh requirements against the end-to-end architecture.

FY 2019 (Estimated): 100% successful developmental and production testing of new-model commercial mobile devices per product baseline, per carrier, per platform authenticated against the Mobile Device Manager. Successful security, interoperability, and functional evaluation of at least of 85% of mobile applications requested to be approved and available in the hosted Mobile Application Store. 100% successful production testing of the applications development framework and integration testing for infrastructure components, including additional gateway instances supporting secret and top secret domains as well as any COTS component technology refresh requirements against the end-to-end architecture.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2019 Defense Information Systems Agency

Date: February 2018

Appropriation/Budget Activity R-1 Program

0400 / 7

R-1 Program Element (Number/Name)
PE 0303126K I Long-Haul Communications
- DCS

Project (Number/Name)

T82 I DISN Systems Engineering Support

| Product Developmer | duct Development (\$ in Millions) | | | FY 2 | 2017 | FY 2 | 2018 | FY 2019 Base | | | 2019 CO | FY 2019 Total | | | |
|--|-----------------------------------|-----------------------------------|----------------|-------|---------------|-------|---------------|-----------------|---------------|------|---------------|------------------|------------|---------------|--------------------------------|
| Cost Category Item | Contract Method & Type | Performing Activity & Location | Prior Years | Cost | Award Date | Cost | Award Date | Cost | Award Date | Cost | Award Date | Cost | Cost To | Total Cost | Target Value of Contract |
| Systems Engineering for DSRN Components & Peripherals | Various | Raytheon : Florida | 11.229 | 2.565 | Feb 2017 | 0.983 | Mar 2018 | 1.781 | Mar 2019 | - | | 1.781 | Continuing | Continuing | Continuin |
| Systems Engineering for IP Enabling DSS-2A Secure Voice Switch | C/T&M | Raytheon : Florida | 21.440 | - | | - | | - | | - | | - | Continuing | Continuing | Continuin |
| Engineering &Technical Services for Information Sharing Services for Voice | C/T&M | SAIC : VA | 2.774 | - | | - | | - | | - | | - | Continuing | Continuing | Continuin |
| Engineering & Technical Services for Network Mgmt Solutions for New DISN Element Technologies | C/T&M | Various : VA | 2.026 | - | | - | | - | | - | | - | Continuing | Continuing | Continuin |
| Single Sign On | C/T&M | SAIC : Various | 1.397 | - | | - | | - | | - | | - | Continuing | Continuing | Continuin |
| System Engineering for VoSIP | C/T&M | Various : Various | 1.218 | - | | - | | - | | - | | - | Continuing | Continuing | Continuin |
| Space Vehicle Upload | SS/CPFF | Iridium : McLean, VA | 12.635 | - | | - | | - | | - | | - | Continuing | Continuing | Continuin |
| Gateway Improvement | SS/CPFF | Iridium : McLean, VA | 13.565 | - | | - | | - | | - | | - | Continuing | Continuing | Continuin |
| Field Application Tool | MIPR | NSWC : Dahlgren | 6.635 | - | | - | | - | | - | | - | Continuing | Continuing | Continuin |
| DTCS Handset | SS/CPFF | Iridium : McLean, VA | 5.850 | - | | - | | - | | - | | - | Continuing | Continuing | Continuin |
| Command and Control Handset | SS/CPFF | Iridium : McLean, VA | 7.275 | - | | - | | - | | - | | - | Continuing | Continuing | Continuin |
| Alt. Supplier Development | MIPR | NSWC : Dahlgren, VA | 3.450 | - | | - | | - | | - | | - | Continuing | Continuing | Continuin |
| Radio Only Interface | MIPR | NSWC : Dahlgren, VA | 2.525 | - | | - | | - | | - | | - | Continuing | Continuing | Continuin |
| Remote Control Unit | SS/CPFF | Iridium : McLean, VA | 2.100 | - | | - | | - | | - | | - | Continuing | Continuing | Continuin |
| Type 1 Security | SS/CPFF | Iridium : McLean, VA | 6.455 | - | | - | | - | | - | | - | Continuing | Continuing | Continuin |
| Vehicle Integration | MIPR | NSWC : Dahlgren, VA | 3.185 | - | | - | | - | | - | | - | Continuing | Continuing | Continuin |

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2019 Defense Information Systems Agency

Date: February 2018

Appropriation/Budget Activity R-1 Program

0400 *l* 7

R-1 Program Element (Number/Name)
PE 0303126K I Long-Haul Communications
- DCS

Project (Number/Name)

T82 I DISN Systems Engineering Support

| Product Developmen | duct Development (\$ in Millions) | | opment (\$ in Millions) | | | FY 2017 FY 2018 | | FY 2019 Base | | | FY 2019 OCO | | | | |
|--|-----------------------------------|--|-------------------------|------|---------------|-----------------|---------------|-----------------|---------------|------|----------------|------|------------|---------------|--------------------------------|
| Cost Category Item | Contract Method & Type | Performing Activity & Location | Prior Years | Cost | Award Date | Cost | Award Date | Cost | Award Date | Cost | Award Date | Cost | Cost To | Total Cost | Target Value of Contract |
| Systems Engineering for IP and Optical Technology Refresh | Various | DITCO : Various | 8.717 | - | | - | | - | | - | | - | Continuing | Continuing | - |
| Engineering & Technical Services for Web Based Mediation | C/T&M | Apptis : VA | 1.168 | - | | - | | - | | - | | - | - | - | - |
| System Engineering and Technical Services for ISOM | Various | DITCO : Various | 2.915 | - | | - | | - | | - | | - | - | - | - |
| Serialized Asset Management - OSS | C/T&M | SAIC : VA | 0.822 | - | | - | | - | | - | | - | - | - | - |
| Gateways - Mobility | TBD | TBD : TBD | 7.107 | - | | - | | - | | - | | - | - | - | - |
| Thin Client Solution - Mobility | TBD | TBD : TBD | 2.154 | - | | - | | - | | - | | - | - | - | - |
| New Field Communications | C/FFP | TBD : TBD | 0.550 | - | | - | | - | | - | | - | - | - | - |
| National Conference Management | MIPR | USAF : Ratheon | 4.514 | - | | - | | - | | - | | - | - | - | - |
| IP Enable DRSN | MIPR | USAF : Ratheon | 1.562 | - | | 1.408 | Feb 2018 | - | | - | | - | - | - | - |
| HEMP Phone Development | TBD | Raytheon : TBD | 0.869 | - | | - | | - | | - | | - | - | - | - |
| 100G Optical | TBD | TBD : TBD | 0.337 | - | | - | | - | | - | | - | - | - | - |
| Defense Production Act III Optical Networking | TBD | TBD : TBD | 2.666 | - | | - | | - | | - | | - | Continuing | Continuing | - |
| DoD Mobility Capability Service Assurance | C/FFP | TBD : TBD | 2.316 | - | | - | | - | | - | | - | - | - | - |
| TBD | TBD | TBD : TBD | - | - | | - | | - | | - | | - | Continuing | Continuing | - |
| TBD | TBD | *** PERFORMING ACTIVITY *** : *** LOCATION *** | - | - | | 2.420 | Feb 2018 | - | | - | | - | Continuing | Continuing | - |
| System Engineering Support DMCC/DMUC | C/FFP | JHU-APL : NAVSEA | - | - | | - | | - | | - | | - | Continuing | Continuing | - |

| Exhibit R-3, RDT&E Project Cost Analysis: PB 2019 Defe | Date: February 2018 | |
|--|--|--|
| Appropriation/Budget Activity 0400 / 7 | R-1 Program Element (Number/Name) PE 0303126K / Long-Haul Communications - DCS | Project (Number/Name) T82 I DISN Systems Engineering Support |
| | | |

| Product Developmen | ıt (\$ in Mi | illions) | | FY 2 | 2017 | FY 2 | 2018 | FY 2 Ba | 2019 se | FY 2 | 2019 CO | FY 2019 Total | | | |
|---|------------------------------|-----------------------------------|----------------|-------|---------------|-------|---------------|------------|---------------|------|---------------|------------------|------------|---------------|--------------------------------|
| Cost Category Item | Contract Method & Type | Performing Activity & Location | Prior Years | Cost | Award Date | Cost | Award Date | Cost | Award Date | Cost | Award Date | Cost | Cost To | Total Cost | Target Value of Contract |
| System Engineering Support DMCC/DMUC | C/FFP | BAH : TBD | - | - | | 2.000 | Feb 2018 | 1.972 | Feb 2019 | - | | 1.972 | Continuing | Continuing | - |
| DIUx-Mobility APP Vetting and MSM tools (MTD) | MIPR | TBD : TBD | - | - | | - | | 1.470 | Feb 2019 | - | | 1.470 | Continuing | Continuing | - |
| TBD | C/TBD | SPAWAR : TBD | - | - | | - | | 0.897 | Feb 2019 | - | | 0.897 | Continuing | Continuing | - |
| | | Subtotal | 139.456 | 2.565 | | 6.811 | | 6.120 | | - | | 6.120 | Continuing | Continuing | N/A |

| Support (\$ in Millions | s) | | | FY 2 | 2017 | FY 2 | 2018 | | 2019 ise | | 2019 CO | FY 2019 Total | | | |
|---------------------------|------------------------------|-----------------------------------|----------------|------|---------------|------|---------------|------|---------------|------|---------------|------------------|---------|---------------|--------------------------------|
| Cost Category Item | Contract Method & Type | Performing Activity & Location | Prior Years | Cost | Award Date | Cost | Award Date | Cost | Award Date | Cost | Award Date | Cost | Cost To | Total Cost | Target Value of Contract |
| IT Support - Mobility | C/FFP | Arieds, LLC : Ft. Meade | 2.300 | - | | - | | - | | - | | - | - | - | - |
| NS2 SE Support - Mobility | C/FFP | APPTIS : Ft. Meade | 0.311 | - | | - | | - | | - | | - | - | - | - |
| IT Support - Mobility | Various | TBD : TBD | 3.000 | - | | - | | - | | - | | - | - | - | - |
| | | Subtotal | 5.611 | - | | - | | - | | - | | - | - | - | N/A |

| Test and Evaluation (| \$ in Milli | ons) | | FY 2 | 2017 | FY 2 | 2018 | FY 2 Ba | 2019 ise | FY 2 | | FY 2019 Total | | | |
|--|------------------------------|-----------------------------------|----------------|-------|---------------|------|---------------|------------|---------------|------|---------------|------------------|---------------------|---------------|--------------------------------|
| Cost Category Item | Contract Method & Type | Performing Activity & Location | Prior Years | Cost | Award Date | Cost | Award Date | Cost | Award Date | Cost | Award Date | Cost | Cost To Complete | Total Cost | Target Value of Contract |
| Certification Testing | Various | JITC : Various | 6.649 | 1.593 | Oct 2016 | - | | - | | - | | - | Continuing | Continuing | Continuing |
| Test & Evaluation Support - Mobility | Various | JITC : Ft. Meade | 5.010 | 0.897 | Oct 2016 | - | | 0.286 | Feb 2019 | - | | 0.286 | - | - | - |
| Integration, Test ann Modification - Mobility | Various | TBD : TBD | 5.217 | 1.941 | Nov 2016 | - | | - | | - | | - | - | - | - |
| Tech Refresh/Functionality Testing | MIPR | Multiple : Various | - | - | | - | | - | | - | | - | Continuing | Continuing | Continuing |
| Tech Refresh/Functionality Testing | MIPR | Naval Observatory : MA | - | - | | - | | - | | - | | - | - | - | Continuing |

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| Exhibit R-3, RDT&E Project Cost Analysis: PB 2019 Defense Information Sy | stems Agency | | Date: February 2018 |
|--|--|-----|--|
| 1 | R-1 Program Element (Number/Name) PE 0303126K / Long-Haul Communications - DCS | , , | umber/Name) I Systems Engineering Support |

| Test and Evaluation | (\$ in Milli | ons) | | FY 2 | 2017 | FY 2 | 2018 | FY 2 Ba | | | 2019 CO | FY 2019 Total | | | |
|-------------------------------------|------------------------------|-----------------------------------|----------------|-------|---------------|-------|---------------|------------|---------------|------|---------------|------------------|---------------------|---------------|--------------------------------|
| Cost Category Item | Contract Method & Type | Performing Activity & Location | Prior Years | Cost | Award Date | Cost | Award Date | Cost | Award Date | Cost | Award Date | Cost | Cost To Complete | Total Cost | Target Value of Contract |
| OSS/Functionality- Configuration | MIPR | Multiple : Various | - | - | | - | | - | | - | | - | Continuing | Continuing | Continuin |
| DISN Tech Refresh | TBD | TBD : TBD | - | 5.000 | Jan 2017 | - | | 5.226 | Jan 2019 | - | | 5.226 | - | - | - |
| Various | TBD | TBD : TBD | - | - | | 5.422 | Jan 2018 | - | | - | | - | Continuing | Continuing | - |
| | | Subtotal | 16.876 | 9.431 | | 5.422 | | 5.512 | | - | | 5.512 | Continuing | Continuing | N/A |
| | | Γ | | | | | | | | | | · | | | Target |

| | Prior Years | FY 2 | 017 | FY 2 | 018 | FY 2 Ba | 019 se | | 2019 CO | FY 2019 Total | Cost To | Total Cost | Target Value of Contract |
|---------------------|----------------|--------|-----|--------|-----|------------|-----------|---|------------|------------------|------------|---------------|--------------------------------|
| Project Cost Totals | 161.943 | 11.996 | | 12.233 | | 11.632 | | - | | 11.632 | Continuing | Continuing | N/A |

Remarks

| chibit R-4, RDT&E Schedule Profile: PB 2019 | Defe | nse l | Inform | natio | n S | ystei | ms A | gend | СУ | | | | | | | | | | | | Date | e: Fe | ebrua | ary 2 | 2018 | | |
|---|------|-------|--------|-------|-----|-------|------|------|-----|-------|------|---|----|-------|----|---|----|------|---|---|------|---------------|-------|-------|--------|------|-----|
| propriation/Budget Activity 00 / 7 | | | | | | | P | | 031 | | Long | | | | | | | | | | | er/N stems | | | eering | g Su | ррс |
| | | FY | 2017 | | F | Y 20 | 018 | | F' | Y 201 | 9 | | FY | 7 202 | 20 | | FY | 2021 | | | FY 2 | 2022 | | | FY 2 | 023 | |
| | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 1 | 1 | 2 3 | 4 | 1 | 2 | 2 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 |
| DRSN | | | | | | | | | | | | | - | | | | | | | | | | | | | | |
| DRSN | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| oss | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| OSS | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Technology Refresh | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Technology Refresh | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mobility | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lab Purchase (Gateways, NIPR, SIPR, TS Enclave) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DoD Mobility Gateways - Architecture Support | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NIPR Enclave (MDM, MAS) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SIPR Enclave (MDM, MAS) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TS Enclave (MDM, MAS) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MDM & MAS Operational Testing | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Exhibit R-4A, RDT&E Schedule Details: PB 2019 Defense Information Syste | ms Agency | | Date: February 2018 |
|---|--|-----|--|
| | R-1 Program Element (Number/Name) PE 0303126K I Long-Haul Communications - DCS | -,, | umber/Name) Systems Engineering Support |

Schedule Details

| | Sta | art | En | ıd |
|---|---------|------|---------|------|
| Events by Sub Project | Quarter | Year | Quarter | Year |
| DRSN | | | | |
| DRSN | 1 | 2017 | 4 | 2023 |
| oss | | | | |
| OSS | 1 | 2017 | 4 | 2017 |
| Technology Refresh | | | | |
| Technology Refresh | 1 | 2017 | 4 | 2023 |
| Mobility | | | | |
| Lab Purchase (Gateways, NIPR, SIPR, TS Enclave) | 1 | 2017 | 4 | 2023 |
| DoD Mobility Gateways - Architecture Support | 1 | 2017 | 4 | 2023 |
| NIPR Enclave (MDM, MAS) | 1 | 2017 | 4 | 2023 |
| SIPR Enclave (MDM, MAS) | 1 | 2017 | 4 | 2023 |
| TS Enclave (MDM, MAS) | 1 | 2017 | 4 | 2023 |
| MDM & MAS Operational Testing | 1 | 2017 | 4 | 2023 |